

# BeamLine Operations and Safety Awareness (BLOSA) Checklist

## Beamline X22A, X22B, X22C

### Upon Arrival

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| <input type="checkbox"/> <b>Check in</b> at User Administration Office (2 <sup>nd</sup> floor)<br><input type="checkbox"/> Undergo <b>NSLS Facility-Specific Orientation</b><br><input type="checkbox"/> Obtain a <b>radiation (TLD)</b> badge | <input type="checkbox"/> Obtain <b>ID badge</b> encoded for experimental floor access<br><input type="checkbox"/> Obtain " <b>NSLS Users' Guide</b> " |
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### Emergency and Facility Safety

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| <input type="checkbox"/> <b>Emergency phone numbers:</b> Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476<br><input type="checkbox"/> <b>Operations Coordinator</b> assistance: see instructions posted on hutch<br><input type="checkbox"/> <b>Fire alarms: Evacuate</b> by nearest exit and meet on grass outside Main Entrance of Bldg. 725<br><input type="checkbox"/> <b>Site alarms: Continuous</b> Siren — <b>Assemble</b> inside front lobby. <b>Intermittent</b> Siren — <b>Evacuate site</b> immediately<br><input type="checkbox"/> <b>Nearest exits</b> and route identification and walkdown<br><input type="checkbox"/> <b>TV monitoring channels</b><br><input type="checkbox"/> <b>Eye wash/shower station</b> locations | <input type="checkbox"/> <b>Fire Extinguisher &amp; Fire Alarm Pull Station</b> locations<br><input type="checkbox"/> <b>Greenboard</b> safety |
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### Beamline Safety

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| <input type="checkbox"/> <b>Beamline Safety</b> personnel are: _____<br><input type="checkbox"/> <b>Emergency STOP button</b> identification and purpose<br><input type="checkbox"/> <b>Beamline enabling and pink cards</b><br><input type="checkbox"/> <b>Power failure response</b> and <b>circuit breaker</b> location<br><input type="checkbox"/> <b>Radiation</b> hazards and postings | <input type="checkbox"/> <b>Safety/Hutch interlock training</b><br><input type="checkbox"/> <b>Beamline safety checklist(s)</b><br><input type="checkbox"/> <b>Experiment Safety Approval Form (SAF)</b> |
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### Beamline Operation (optional)

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| <input type="checkbox"/> <b>Manuals and Beamline Documentation</b> location<br><input type="checkbox"/> <b>LN2 Use and Fill Procedures (goggles &amp; gloves)</b><br><input type="checkbox"/> <b>Crane operation (not authorized)</b><br><input type="checkbox"/> <b>BL Vacuum Changes (not authorized)</b><br><input type="checkbox"/> <b>Spectrometer Limits</b><br><input type="checkbox"/> <b>Location-purpose of Proteus interlock panel (water flow)</b><br><input type="checkbox"/> <b>"Check" routines (X22C)</b> | <input type="checkbox"/> <b>Changing Energy</b><br><input type="checkbox"/> <b>Beamline Log Book &amp; Checkout Procedures</b><br><input type="checkbox"/> <b>Beamline Shielding</b><br><input type="checkbox"/> <b>Power Failure/BL Vacuum &amp; Ion Pumps</b><br><input type="checkbox"/> <b>Liquid Spectrometer (X22B)</b> |
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### Experimental Procedures (optional)

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| <input type="checkbox"/> <b>Gas</b> use, fill and storage procedures<br><input type="checkbox"/> <b>Chemical</b> use, labeling and storage<br><input type="checkbox"/> <b>Waste Removal</b><br><input type="checkbox"/> <b>Cryogen</b> s fill station and safe use<br><input type="checkbox"/> <b>Beryllium</b> handling<br><input type="checkbox"/> <b>Satellite Accumulation Area</b><br><input type="checkbox"/> <b>90 Day Storage Area</b> |  |
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I understand the instructions given to me on beamline operations and safety awareness.

Date	User's Name (print )	Guest #	Institutional Affiliation	User's Signature
NSLS Safety Awareness Policy: Each user must be instructed in the safe operation of this beamline. Instruction is valid for two years, unless there are significant changes in beamline operation and/or safety policies, or unless this beamline requires a shorter duration. Beamline personnel shall keep readily available all relevant instructions and safety literature.			Trainer's Name (print)	
			Trainer's Signature	